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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION

SECURITIES BLDG.

HELENA, MONTANA

VOL. VII, No. 4 McKee Print April, 1959

Production of crude oil and condensate from the oil and gas areas of Montana for the month of April, 1959, averaged 79,890 barrels daily, a decrease of 2,445 barrels from the average March production of 82,335.

The nine refineries in the State processed 54,288 barrels of crude oil daily for the month of April, 1959, a decrease of 21,673 barrels daily from the 75,961 barrels processed daily during the month of March, 1959.

During April, 27 wells were completed, 15 oil, 1 gas well and 11 dry holes.

During April, the Commission issued 29 permits to drill new wells, an increase of 3 from the 26 permits issued during March.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING STORAGE, ETC., IN MONTANA

MONTH OF APRIL, 1959

IN STORAGE APRIL 1st:	
By Producers	363,699
By Transporters	661,262
By Refiners	562,586
TOTAL STORAGE	1,592,547
Produced in Montana During Month	2,396,728
Imported During Month	1,382,239
TOTALS	5,351,514
DISPOSITION:	
Refined in Montana	1,628,667
Exported	1,882,047
Used for Fuel or Lost	6,848
TOTAL	3,517,562
IN STORAGE APRIL 30th:	
By Producers	371,931
By Transporters	635,348
By Refiners	826,673
TOTAL STORAGE	1,833,952

NATURAL GAS WITHDRAWALS IN MONTANA

Month of April, 1959

Field	M Cu. Ft.
Bears Den	0
Big Coulee	61,631
Bowdoin	132,741
Bowes	78,252
Box Elder	0
Cabin Creek	78,331
Cedar Creek	562,349
Clarks Fork	96,430
Cut Bank (Including Reagan)	607,873
Devon	0
Dry Creek	134,652
Elk Basin	45,040
Flat Coulee	40,726
Golden Dome	3,923
Hardin	3,789
Keith Block	181,700
Kevin Sunburst	87,959
Pine	76,580
Plevna	16,767
Utopia	83,845
Whitlash	104,842
Miscellaneous	39,835
TOTAL	2,437,265

Total Withdrawals for April, 1958 were 2,079,389 M Cu. Ft.

PRODUCER'S REPORT
MONTH OF APRIL, 1959

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	1,037	2,786	.....	2,671	.....	1,152
4	Bannatyne	8	3,758	3,348	.....	4,014	.....	3,092
....	Belfry	....	45	.....	.....	.....	.....	45
9	Big Wall	24	3,476	15,224	.....	14,912	182	3,606
10	Blackfoot	14	3,205	7,694	.....	7,806	.....	3,093
20	Bowes	85	5,671	28,105	29,432	.....	.....	4,294
1	Bredette	1	1,399	428	.....	.....	.....	1,827
5	North Bredette	5	5,297	11,173	13,282	.....	167	3,021
1	Brorson	1	1,977	1,353	1,640	.....	3	1,687
....	Bynum	....	255	.....	.....	.....	.....	255
2	Cabin Creek	90	8,475	369,130	363,873	.....	1,395	12,337
31	Cat Creek	92	5,146	12,447	9,010	3.578	.....	5,005
1	Clark's Fork	1	359	281	.....	.....	.....	640
3	Clark's Fork North	4	1,681	27,975	.....	28,023	.....	1,633
2	Cupton	2	464	1,092	.....	.....	.....	1,556
356	Cut Bank	1,138	129,401	164,155	164.307	.....	5	129,244
3	Deer Creek	6	2,358	24,096	24.050	.....	.....	2,404
5	Delphia	5	1,777	4,803	.....	5,058	.....	1,522
4	Devil's Basin	5	815	403	.....	.....	23	1,195
5	Dry Creek	6	728	5,272	5.066	.....	.....	934
20	Elk Basin	58	8,716	331,737	332,432	.....	.....	8,021
2	Fertile Prairie	3	874	899	931	.....	6	836
2	Frannie	2	658	2,421	1,797	.....	.....	1,282
2	Gage	2	612	1,955	.....	1,247	47	1,273
4	Gas City	12	2,629	19,056	17,822	.....	.....	3,863
6	Glendive	12	6,034	46,279	48,528	.....	.....	3,735
3	Gypsy Basin	3	1,134	582	.....	831	.....	885
1	Hawk Creek	1	580	523	773	.....	.....	330
5	Ivanhoe	13	5,496	20,907	.....	21,329	.....	5,074
190	Kevin-Sunburst	1,303	17,476	67,959	69,264	.....	41	16,130
2	Line Coulee	2	3,321	623	770	.....	205	2,969
1	Little Beaver	7	2,919	15,382	16,266	.....	.....	2,035
4	East Little Beaver	5	2,659	7,625	8,185	.....	.....	2,099
5	Melstone	8	3,232	4,569	.....	4,475	.....	3,326
2	Monarch	2	590	4,138	3,429	.....	.....	1,299
3	Mosser	4	851	312	.....	513	.....	650
10	Outlook Area	14	8,940	61,395	62,703	.....	.....	7,632
10	Pennel	21	8,830	43,492	46,205	.....	.....	6,117
6	Pine	135	18,832	388,241	388,856	.....	292	17,925
78	Pondera	333	8,809	43,237	42,038	.....	.....	10,008
10	East Poplar	102	22,023	318,055	313,696	.....	.....	26,382
3	Northwest Poplar	4	2,174	2,054	3,031	.....	.....	1,197
4	Ragged Point	7	2,759	8,317	.....	6,726	.....	4,350
.	Rattlesnake Butte	....	116	.....	.....	.....	.....	116
4	Reagan	44	1,746	11,627	11.329	.....	.....	2,044
6	Red Creek	13	1,868	16,789	16.518	.....	300	1,839
1	Redstone	1	1,051	667	887	.....	.....	831
1	Repeat	1	801	1,432	1,568	.....	.....	665
5	Richey	10	4,415	16,831	16,026	.....	.....	5,220
1	Sand Creek	1	1,275	13,055	12,619	.....	.....	1,711
2	Snyder	4	921	2,107	.....	2,088	.....	940
4	Soap Creek	17	3,986	5,160	.....	6,039	.....	3,107
1	Southwest Richey	2	1,205	2,660	2,466	.....	.....	1,399
3	Stensvad	7	5,382	46,606	.....	45,090	.....	6,898
22	Sumatra	74	16,797	134,666	132.117	3.149	.....	16,197
2	Sweetgrass Hills	2	734	256	.....	.....	.....	990
9	Whitlash	34	11,191	6,114	1,228	1.401	.....	14,676
5	Wills Creek	10	3,378	27,067	26,985	.....	.....	3,460
9	Wolf Springs	18	4,668	39,254	39,875	.....	233	3,813
1	Women's Pocket	1	.....	234	.....	234	.....	.....
2	Woodrow	2	850	2,680	2,358	.....	.....	1,172
	Yellowstone	....	843	.....	.....	.....	.....	843
914		3,785	368,699	2,396,728	2,231,413	159,184	2,899	371,931

Total Oil Produced and Shipped From Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1958	27,958,649	76,593	27,878,576	76,379
First Quarter, 1959	7,287,446	80,971	7,258,943	80,654
April, 1959	2,396,728	79,890	2,390,597	79,686

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1958	342,798	707,901	518,033	1,568,732
March, 1959	368,699	661,262	562,586	1,592,547
April, 1959	371,931	635,348	826,673	1,833,952

*Includes Wyoming Oil

TRANSPORTERS REPORT

MONTH OF APRIL, 1959

	Storage First Of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,671				2,671		
BANNATYNE—Truck			4,014			4,014			
BIG WALL—Truck			14,912				14,912		
BLACKFOOT—Union Oil Co.			7,806			7,806			
BOWES—									
Trigood Oil Co.	3,779	4,190			(9)	5,074			2,904
The Texas Co.		25,292				25,292			
	3,779	29,482			(9)	30,366			2,904
BRORSON—Sun Oil Company		1,640					1,640		
CABIN CREEK & OTHERS*—									
Butte Pipe Line Co.	314,357	831,094		575,391	(3)		1,400,273		320,572
Shell Pipe Line Corp.	1,698	91,077			(87)			88,829	4,033
	316,055	922,171		575,391	(90)		1,400,273	88,829	324,605
CAT CREEK—									
Continental Pipe Line Co.	6,352	9,010			6	10,541			4,815
Wm. Hanlon			3,578			3,578			
	6,352	9,010	3,578		6	14,119			4,815
CLARK'S FORK—Truck			28,023				28,023		
CUT BANK—									
Big West Oil Co.		940				940			
Darling Gathering System, Inc.	1,340	3,291							4,631
Phillips Petroleum Co.	33,484	48,931		12,009	26	52,457		12,009	29,932
Texas Pipe Line Co.	48,212	32,534		14,825	282	33,646		21,661	39,982
Toronto Pipe Line Co.	20,991	37,391			(105)			34,853	23,634
Union Oil Co.	120,443	43,595		26,818	(1,008)	93,994			97,870
	224,470	166,682		53,652	(805)	181,037		68,523	196,049
DELPHIA—Truck			5,058			5,058			
DRY CREEK—Ohio Oil Co.	9,273	5,066			1,317	6,951			6,071
ELK BASIN—Ohio Oil Co.		332,432					332,432		
FRANNIE—Ohio Oil Co.		1,797					1,797		
GAGE—Truck			1,247				1,247		
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
The Texas Pipe Line Co.	5,724	37,046			(145)		22,791	62,805	7,319
GYPSY BASIN—Truck			831			831			
IVANHOE—Truck			21,329			1,180	20,149		
KEVIN-SUNBURST—									
Big West Oil Co.	2,176	34,050				31,610			4,616
Homestake Oil & Gas Co.	942	2,080							3,022
The Texas Pipe Line Co.	4,082	32,768			259	32,509			4,082
	7,200	68,898			259	64,119			11,720
MELSTONE—Truck			4,475			4,475			
MOSSER—Truck			513				513		
PONDERA—Phillips Petr. Co.	29,021	47,511			172	41,117			35,243
POPLAR, BREDETTE, OUTLOOK, LINE COULEE, REDSTONE & RICHEY—									
East Poplar Gathering System	27,467	402,463			2,322			409,053†	18,555
RAGGED POINT—Truck			6,726			6,726			
REAGAN—Union Oil Co.		11,329				11,329			
RED CREEK—Truck			16,518			8,280	8,238		
SNYDER—Truck			2,088				2,088		
SOAP CREEK—Truck			6,039			6,039			
STENSVAD—Truck			45,090			17,092	27,998		
SUMATRA—									
Powder River Pipe Line Inc.	17,189	132,117			(540)	115,934	13,892		20,020
Truck			3,149				3,149		
	17,189	132,117	3,149		(540)	115,934	17,041		20,020
WHITLASH—									
Homestake Oil & Gas Co.				1,755		1,588			167
Western Natural Gas Co.	1,788	1,228						1,588	1,428
Truck			1,401			1,401			
	1,788	1,228	1,401	1,755		2,989		1,588	1,595
WOLF SPRINGS—									
Powder River Pipe Line Co.	12,944	39,876			386	45,982			6,452
WOMAN'S POCKET—Truck			234				234		
TOTALS	661,262	2,258,748	175,702	630,799	2,873	575,444	1,882,047	630,799	635,348

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, East Little Beaver, Monarch, Pennel, Pine, Repeat, Richey, Southwest Richey and Wills Creek Fields.

†Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF APRIL, 1959

Field	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Phillips Petr. Co.	Texas Calgary Co.	Union Oil Co.	Total by Fields
Blackfoot									6,673	6,673
Bowes				27,893						27,893
Cat Creek			8,002		1,472	3,957				13,431
Clark's Fork					490					490
Cut Bank	15,810						52,426		90,811	159,047
Delphia						5,697				5,697
Dry Creek					4,885					4,885
Elk Basin		166,766	73,983							240,749
Gage						700				700
Ivanhoe						7,820				7,820
Kevin-Sunburst	22,422									22,422
Melstone					21,079					21,079
Pondera							40,875			40,875
Reagan									11,329	11,329
Red Creek		8,822								8,822
Soap Creek								4,922		4,922
Sumatra		92,231			43,267					135,498
Sweetgrass Hills	168									168
Whitlash									1,226	1,226
Wolf Springs		35,205								35,205
Total Montana Oil	38,400	303,024	81,985	27,893	71,193	18,174	93,301	4,922	110,039	748,931
Canadian Oil Imported										
Wyoming Oil Imported		219,740	269,423		390,573					879,736
TOTAL Montana, Canadian & Wyoming Oil	38,400	522,764	351,408	27,893	461,766	18,174	93,301	4,922	110,039	XXXXX 1,628,667

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1958	25,108	32	38,599	63,739
April, 1958	23,661	89	16,827	40,577
April, 1959	24,964	....	29,324	54,288

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
39.39%	.05%	60.56%
58.31%	.22%	41.47%
45.98%		54.02%